

WHAT IS CLAIMED IS:

1 1. A battery comprising an electrode unit which is a power
2 generation element housed in a battery can, and in which
3 electricity can be taken out from a pair of negative and positive
4 electrode terminals which are exposed outside the can, wherein a
5 coating layer comprising a material of which one of the negative
6 and positive electrode terminals is comprised is formed on a
7 surface of the other of the negative and positive electrode
8 terminals.

1 2. The battery according to claim 1, wherein the coating
2 layer is formed by a cladding connection or plating on the surface
3 of said other electrode terminal.

1 3. The battery according to claim 1, wherein the battery can
2 comprises aluminum or aluminum alloy, the negative electrode
3 terminal comprises a material selected from the group consisting of
4 iron, nickel coated iron, nickel, copper, nickel coated copper and
5 stainless steel, and the surface of the negative electrode terminal
6 contains an aluminum layer or an aluminum alloy layer as a coating
7 layer.

1 4. The battery according to claim 2, wherein the battery can
2 comprises aluminum or aluminum alloy, the negative electrode
3 terminal comprises a material selected from the group consisting of
4 iron, nickel coated iron, nickel, copper, nickel coated copper and
5 stainless steel, and the surface of the negative electrode terminal
6 contains an aluminum layer or an aluminum alloy layer as a coating
7 layer.

1 5. The battery according to claim 1, wherein the battery can
2 comprises a material selected from the group consisting of iron,
3 nickel plated iron, nickel, copper, nickel plated copper and
4 stainless steel, and the positive electrode terminal comprises
5 aluminum or aluminum alloy, and the surface of the positive
6 electrode terminal contains a layer of iron, nickel plated iron,
7 nickel, copper, nickel plated copper or stainless steel as a
8 coating layer.

1 6. The battery according to claim 2, wherein the battery can
2 comprises a material selected from the group consisting of iron,
3 nickel plated iron, nickel, copper, nickel plated copper and
4 stainless steel, and the positive electrode terminal comprises

5 aluminum or aluminum alloy, and the surface of the positive
6 electrode terminal contains a layer of iron, nickel plated iron,
7 nickel, copper, nickel plated copper or stainless steel as a
8 coating layer.